

Converting Colors

HunterLab(87.7799, -45.6296,
46.4762)

Have a look what the booklet for
HunterLab(87.7799, -45.6296,
46.4762) contains.

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Color

**HunterLab(87.6962,
-45.6823, 46.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	AEF85C
RGB	174, 248, 92
RGB Percent	68%, 97%, 36%
CMY	0.3176, 0.0274, 0.6392
CMYK	0.30, 0.00, 0.63, 0.03
HSL	88°, 92%, 67%
HSV	88°, 63%, 97%
XYZ	52.9548, 76.9062, 22.1787
YIQ	208.0900, 5.9720, -64.2040

Conversions

Conversions Part 2

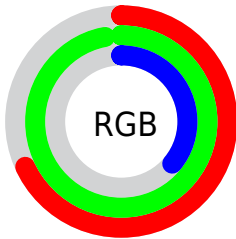
Format	Color
RYB	92, 248, 166
Decimal	11466844
CIELab	90.28, -46.67, 65.56
CIELCh	90, 80.478, 125.446
Yxy	76.9096, 0.3483, 0.5058
Android (android.graphics.Color)	4289656924 (0xFFAEF85C)
YUV	208.0900, -57.2324, -29.8969
Hunter-Lab	87.6962, -45.6823, 46.3927

Details

The HunterLab color **87.6962, -45.6823, 46.3927** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **47.4773, 54.1427, -80.7050**, and the grayscale version is **79.6966, -4.2524, 4.3301**.

A 20% lighter version of the original color is **95.3844, -27.1129, 40.8857**, and **64.0886, -39.5153, 37.6001** is the 20% darker color. If you saturate the color by 10%, you get **86.7478, -49.8783, 48.9290**, and if you desaturate by 10%, it is **88.7849, -40.8545, 42.7949**.

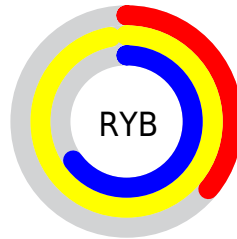
Distribution



Red (68%)

Green (97%)

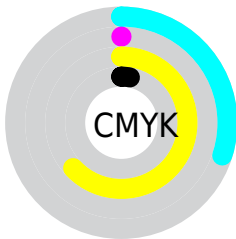
Blue (36%)



Red (36%)

Yellow (97%)

Blue (65%)

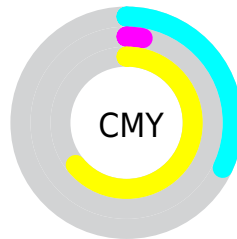


Cyan (30%)

Magenta (0%)

Yellow (63%)

Black (3%)



Cyan (32%)


Magenta (3%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.6962, -45.6823, 46.3927 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 87.6962, -45.6823, 46.3927 by changing the saturation by 10% instead.


 87.6962, -45.6823,
46.3927


 87.6962, -45.6823,
46.3927


220.1036,
-70.2103, 79.5987


 75.6166, -42.6372,
42.1191


 113.5834,
-51.5083, 54.4788


 64.1473, -39.4735,
37.6590


 127.3389,
-54.3141, 58.3298

 53.3248, -36.1648,
32.9856


 141.6089,
-57.0636, 62.0746

 43.1903, -32.6721,
28.0734

 156.3753,
-59.7650, 65.7260

 33.7943, -28.9393,
23.1794

171.6220,
-62.4251, 69.2954

 25.2001, -24.8816,
17.6401

187.3344,

 17.4910, -20.3631,

-65.0497, 72.7920

12.2437

203.4990,
-67.6434, 76.2241

■ 10.7833, -18.8707,
7.5483

■ 1.7606, -3.0810,
1.2324

■ 87.6962, -45.6823,
46.3927

■ 87.6962, -45.6823,
46.3927

■ 86.7478, -49.8783,
48.9290

■ 88.7849, -40.8545,
42.7949

■ 85.9284, -53.4505,
50.4752


■ 90.0119, -35.3891,
38.0906


■ 85.2315, -56.4340,
51.1449


■ 91.3809, -29.3000,
32.2612

■ 84.8009, -58.2490,
51.2342

■ 92.8927, -22.6081,
25.3077

 94.5467, -15.3411,
17.2475

 96.3414, -7.5322,
8.1112

 97.7845, -1.6141,
2.8623

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6981, -12.0031, 51.2968



87.6962, -45.6823, 46.3927



87.6981, -65.2186, 30.4582

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6981, -45.6843, 46.3932



87.6981, -34.9485, -93.7885



87.6981, 87.8249, 11.5624

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.6962, -45.6823, 46.3927



47.4773, 54.1427, -80.7050

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6981, 78.6444, -32.2253



87.6962, -45.6823, 46.3927



87.6981, 2.8832, -106.6817

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.6981, -45.6843, 46.3932



87.6981, -59.8596, -50.4405



87.6981, 45.5825, -80.3314



87.6981, 68.7767, 37.9508

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.6962, -45.6823, 46.3927



87.6981, -69.9621, 10.4920



87.6981, 45.5825, -80.3314



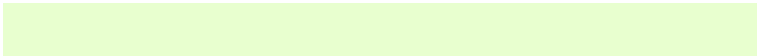
87.6981, 87.9719, -1.3578

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.6981, -45.6843, 46.3932



96.5202, -20.4972, 23.0318



68.9712, 19.2234, 34.1313



44.4334, -10.4574, 11.7198

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6981, -45.6843, 46.3932



89.3358, -52.3488, 50.9374



83.9426, -60.8788, 43.5068



44.4501, -5.9535, 6.6611



62.3932, -42.5335, 37.7018



19.1537, -12.2680, 11.5876

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.4773, 54.1427, -80.7050



42.1612, 67.1463, -105.8889



57.8385, 76.7526, -54.0567



41.2878, 1.5292, -2.3696



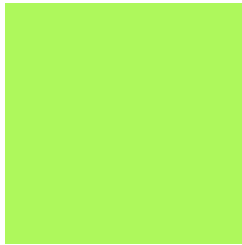
24.1053, 56.4686, -102.1545



7.7509, 17.6483, -28.9025

Previews

White Background



This preview shows how the HunterLab color 87.6962, -45.6823, 46.3927 looks on a white background.

Color Contrast Check

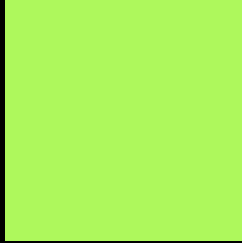
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 87.6962, -45.6823, 46.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

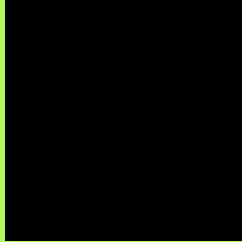
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

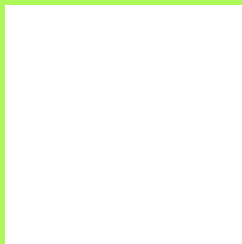
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.6962, -45.6823, 46.3927 Background



This preview shows how black text looks on a background with the HunterLab color 87.6962, -45.6823, 46.3927.



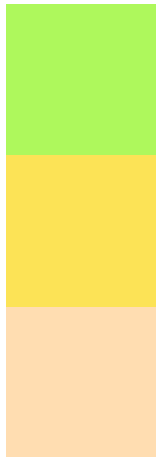
This preview shows how white text looks on a background with the HunterLab color 87.6962, -45.6823, 46.3927.

-45.6823, 46.3927.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.6962, -45.6823, 46.3927

Protanopia

87.3530, -11.2708, 47.6535

Deuteranopia

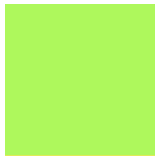
87.2624, 0.7735, 25.5227



Tritanopia

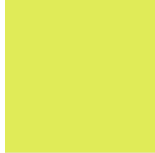
87.4151, -12.0100, -8.2479

Trichromacy



Original Color

87.6962, -45.6823, 46.3927



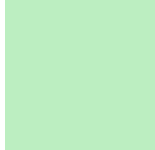
Protanomaly

87.1599, -25.1258, 46.9873



Deuteranomaly

86.8308, -18.0684, 34.6197



Tritanomaly

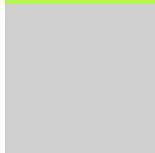
87.0004, -27.2208, 18.7500

Monochromacy



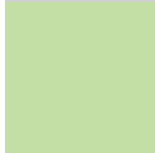
Original Color

87.6962, -45.6823, 46.3927



Achromatopsia

79.4202, -4.2377, 4.3151



Achromatomaly

82.0148, -21.5681, 24.0793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6962, -45.6823, 46.3927 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 248, 92)` looks like.

```
.text, #text, p{  
    color:rgb(174, 248, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 248, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 248, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6962, -45.6823, 46.3927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 248, 92) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 248, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 248, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 248, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 248, 92);  
box-shadow:4px 4px 4px 4px rgb(174, 248,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6962, -45.6823, 46.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 248, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
248, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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